

**Notice of Allowability**

Application No.

09/786,738

Examiner

Phuong Phu

Applicant(s)

BOMER ET AL.

Art Unit

2631

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Amendment filed on 1/3/06.
2. ☒ The allowed claim(s) is/are 1-12.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
- ☒ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|   | 9. <input type="checkbox"/> Other _____   |

### REASONS FOR ALLOWANCE

1. This Office Action is responsive to the RCE and Amendment filed on 1/3/06.
2. Claims 1-12 are allowed.
3. The following is an examiner's statement of reasons for allowance:

-Regarding to independent claim 1, none of prior art of record teaches or suggests a method for synchronizing a base station to a mobile station, as claimed. Maskara et al, (previously cited), teaches the claimed method except that in his method, he teaches a signal sequence as claimed, but he fails to teach a procedure of transmitting said signal sequence from a base station to a mobile station in a synchronization channel wherein the mobile station uses said signal sequence to determine a timing of the base station, and achieves timeslot synchronization between the base station and the mobile station using the synchronization channel. It would not have been obvious for one skilled in the art to implement Maskara et al in view of other prior art of record for leading such the implementation to the claimed invention.

-Regarding to independent claim 10, none of prior art of record teaches or suggests a base station, as claimed. Maskara et al teaches the claimed system except that in his system, he teaches a signal sequence as claimed, but he fails to teach a procedure of transmitting said signal sequence from the base station to a mobile station in a synchronization channel wherein timeslot synchronization is achieved between the base station and the mobile station using the synchronization channel. It would not have been obvious for one skilled in the art to implement Maskara et al in view of other prior art of record for leading such the implementation to the claimed invention.

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-Regarding to independent claim 11, none of prior art of record teaches or suggests a mobile station, as claimed. Maskara et al teaches the claimed system except that in his system, he teaches a signal sequence as claimed, but he fails to teach a procedure of transmitting said signal sequence from a base station to a mobile station in a synchronization channel wherein timeslot synchronization is achieved between the base station and the mobile station using the synchronization channel. It would not have been obvious for one skilled in the art to implement Maskara et al in view of other prior art of record for leading such the implementation to the claimed invention.

-Regarding to independent claim 12, none of prior art of record teaches or suggests the invention as claimed. Maskara et al teaches the claimed system except that in his system, he teaches a signal sequence as claimed, but he fails to teach a procedure of using said signal sequence at a mobile station to determine a timing of a base station wherein timeslot synchronization is achieved between the base station and the mobile station using the signal sequence transmitted over a synchronization channel. It would not have been obvious for one skilled in the art to implement Maskara et al in view of other prior art of record for leading such the implementation to the claimed invention.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuong Phu whose telephone number is 571-272-3009. The examiner can normally be reached on M-F (6:30-2:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mohammad Ghayour can be reached on 571-272-3021. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Phuong Phu*

Phuong Phu  
01/13/06

**PHUONG PHU**  
**PRIMARY EXAMINER**

Phuong Phu  
Primary Examiner  
Art Unit 2631